

ASRock C246 WSI, 1xSKT LGA1151, Intel E-2000, C246, 2xDIMM, SATA, NVMe, 1xM.2, 2xGbE, Audio

Kod producenta: C246 WSI



Category	Workstation
Form Factor	mini-ITX
Dimensions	6.7" x 6.7"
CPU Socket	LGA 1151 (Socket H4)
# of CPU sockets	1
Supported CPU's	Intel Xeon E-2100 Intel Xeon E-2200
Chipset	C246
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	2666 MHz 2400 MHz 2133 MHz
# of DIMM's	2
Max Memory Size	64 GB
# of PCIe x16 3.0	1
# of USB Ports	4 x USB 3.2 (rear) 2 x USB 2.0 (rear) 2 x USB 3.0 (header)
# of SATA Ports	4
# of SATA DOM power	1
# of 1GbE Ports	2 x RJ45
TPM	1 x TPM 2.0 13-pin Header

C246 WSI

- Supports Intel Xeon E-2100 / E-2200 Processors
- Supports Dual channel DDR4 2666/2400 ECC and non-ECC U DIMM max 32 GB
- 4 SATA3 (1 SATA DOM included), 1 OCuLink connector with 4 SATA ports
- Supports 1x PCIe 3.0 x16, 1 x M.2
- Supports Intel I210& Intel i219LM

Specyfikacja

Parametry płyty głównej	
Standard	- mini-ITX
Wymiary	- 6.7" x 6.7" (17.02 cm x17.02 cm)
Procesor	
CPU	- Supports Intel® Xeon® E-2100 / E-2200 Processors (Max. 95W)
Chipset	Intel® C246

Pamięć operacyjna	
Pojemność	- 2 x DDR4 DIMM slots
Rodzaj	- Dual Channel memory technology - Supports DDR4 2133/2400/2666 ECC UDIMM* *The non-ECC UDIMMs support Client OS only.
DIMM Size Per DIMM	- ECC and non-ECC UDIMM : 4GB, 8GB, 16GB, 32GB *Future support for 32GB via a BIOS update in Oct.
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16 - SLOT7: Gen3 x16 link	
Magazynowanie	
Kontroler SATA	- Intel® C246: 1 x OCuLINK (SATA_0,1,2,3); 4 x SATA3 6Gb/s (SATA_4,5,6,7), 1 x SATA DOM included *Please contact sales to buy the OCuLink to 4x SATA cable
NVMe Device	- NVMe SSDs PCIe4 (Share with SATA_0,1,2,3)
M.2 slot	- 1 x M.2 (NGFF 2242, PCI-E Gen3 x4 link or SATA signal)* *SATA 1 will be disable when M.2 is SATA signal
Ethernet	
Interfejs	- 1000 /100 /10 Mbps
Kontroler LAN	- 2 x RJ45 GLAN by Intel® i210+Intel® i219LM - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports Dual LAN with Teaming function(TBD) - Supports PXE - LAN1 supports NCSI
Zarządzanie	
Kontroler BMC	- N/A
IPMI Dedicated GLAN	- N/A
Funkcje	- Watch Dog - NMI
Grafika	
Kontroler	- CPU pGFX
Audio	
Audio Codec	- Realtek ALC892
Tylny panel I/O	
HDMI	- 1
Port VGA	- 1 x D-Sub
Port USB 2.0	- 2
Port USB 3.0	- N/A
Port USB 3.2	- 4 (Type A Gen2 x4)
Port Lan	- RJ45: 2x GLAN(by Intel® i210+ Intel® i219LM) - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Display port	- 1

UID	
Button/UID	- N/A
LED	
Audio	- 3+1 CH with SPDIF
SPDIF	- 1
Złącza wewnętrzne	
Port śledź COM	- 1
SATA DOM	- 1
M.2	- 1(2242, PCIE(x4)/SATA3 6Gb/s(SATA 1))
OCuLink	- 1
Złącze panelu AUX	- 1 (include chassis intrusion, location button & LED, front LAN LED, event log LED)
TR1	- 1
Złącze TPM	- 1
Złącze IPMB	- N/A
Brzęczyk	- N/A
Złącze wentylatorów	- 3(1CPU/1Front/1Rear)
ATX Power	- 1x (4-pin)
DC IN	- 1x (8-pin)
Złącze panelu USB 3.2 (Gen1)	- 1 (support 2 USB 3.0)
Złącze panelu USB 2.0	- N/A
PWR SMB Header	- N/A
Panel frontowy	- 1 (RST, HDLED, PLED, PERBTN)
Serial ATA3 Connector	- 3
SATA Power Connector	- 1x (4-pin)
Głośnik	- 1(4pin)
SGPIO Header	- 2
Clear CMOS	- 1 (short pad)
Onboard LED	
Port 80 LED	- N/A
BIOS	
Rodzaj BIOS	- 256Mb AMI UEFI Legal BIOS
Cechy BIOS	- Plug and Play (PnP)
	- ACPI 2.0 Compliance Wake Up Events
	- SMBIOS 2.8.0 Support
	- ASRock Rack Instant Flash
Hardware Monitor	

Temperatura	- CPU Temperature Sensing - System Temperature Sensing - System Inlet Temperature Sensing
Wentylator	- CPU/Rear/Front Fan Tachometer - CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Rear/Front Fan Multi-Speed Control
Napięcie	- 3V, Vcore, 12V, VCCST_SFR, 3VSB

Obsługiwane systemy

System operacyjny	Microsoft® Windows:
	Windows® 10 (64 bit)
	Linux
	- RedHat Enterprise Linux Server 6.10 (64 bit) / 7.5 (64 bit) - SUSE Enterprise Linux Server 11 SP4 (64 bit) / 12 SP3 (64 bit) - Ubuntu 16.04 (64 bit)/ 18.04 (64 bit)
	Virtual
	- VMWare® ESXi 6.5 u1 - Win hyper-V Server 2016

Środowisko

Temperatura Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C

Specyfikacja może ulec zmianie bez wcześniejszego powiadamiania. Marka i nazwy produktów są znakami towarowymi ich właścicieli. Działanie konfiguracji innych niż wynikające ze specyfikacji nie jest gwarantowane.

Strona firmowa produktu:

<https://www.superstorage.pl/asrock-c246-wsi-1xskt-lga1151-intel-2000-c246-2xdimm-sata-nvme-1xm2-2xgbe-audio-p-4821.html>